

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062518\
 Data File : BF106779.D
 Acq On : 25 Jun 2018 18:49
 Operator : JU/SJ
 Sample : PB110541BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 26 02:09:15 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 25 18:50:17 2018
 Response via : Initial Calibration

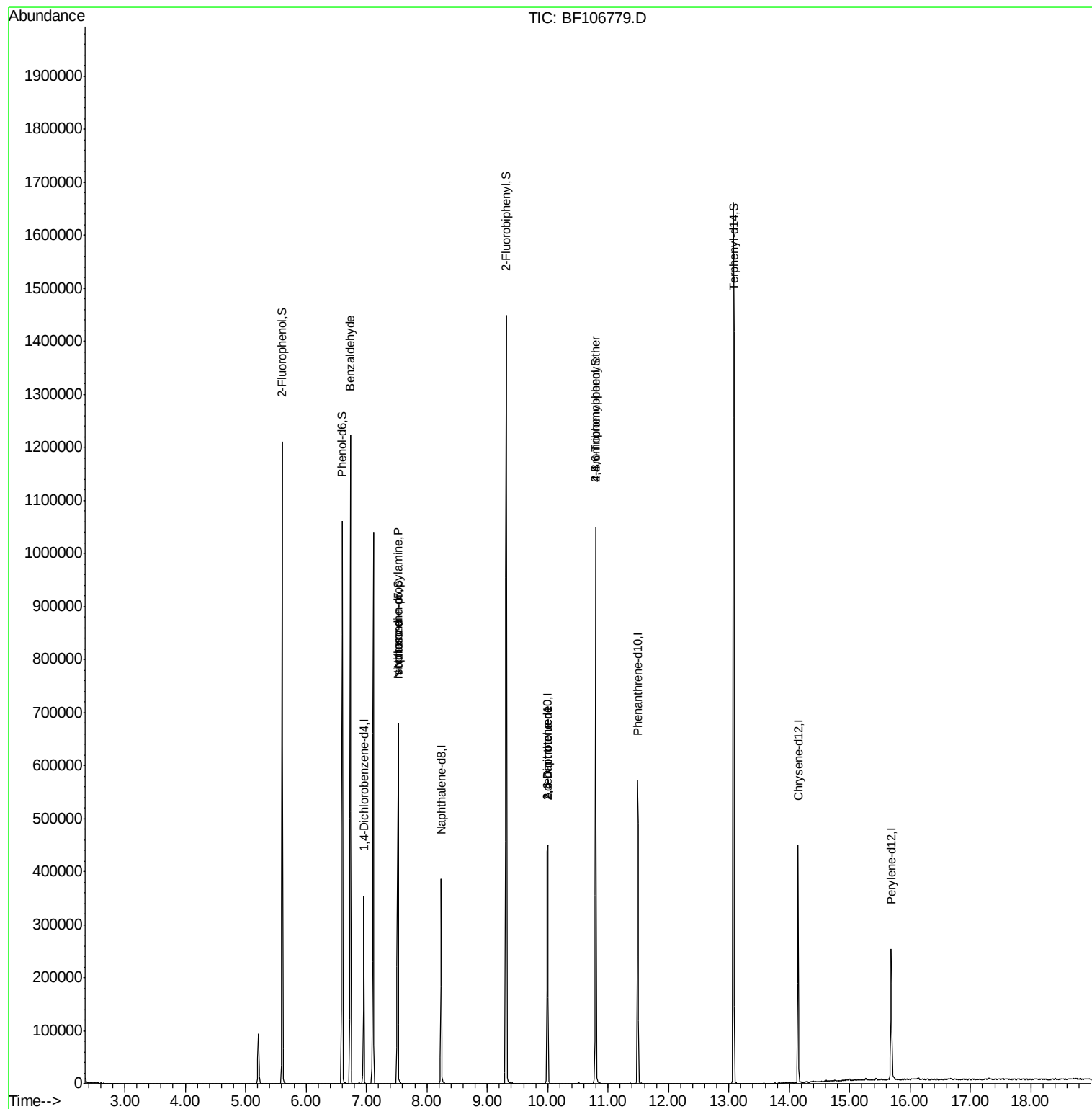
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	51903	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	199523	20.00	ng	-0.01
38) Acenaphthene-d10	10.00	164	108067	20.00	ng	-0.01
63) Phenanthrene-d10	11.49	188	230067	20.00	ng	-0.01
75) Chrysene-d12	14.14	240	180740	20.00	ng	-0.02
86) Perylene-d12	15.69	264	140217	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	340213	110.99	ng	0.00
7) Phenol-d6	6.60	99	433275	113.19	ng	-0.01
23) Nitrobenzene-d5	7.52	82	281677	78.46	ng	-0.01
41) 2,4,6-Tribromophenol	10.80	330	163659	130.66	ng	0.00
44) 2-Fluorobiphenyl	9.31	172	561818	88.63	ng	-0.01
78) Terphenyl-d14	13.08	244	732995	98.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.74	77	7403	2.299	ng	91
19) n-Nitroso-di-n-propylamine	7.52	70	36326	14.397	ng	# 76
25) Isophorone	7.52	82	281675	44.523	ng	# 64
50) 2,6-Dinitrotoluene	10.00	165	13631	7.942	ng	# 24
56) 2,4-Dinitrotoluene	10.00	165	13631	6.085	ng	# 21
66) 4-Bromophenyl-phenylether	10.80	248	9921	3.613	ng	# 1

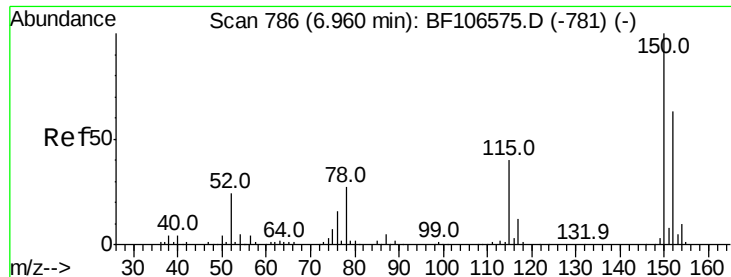
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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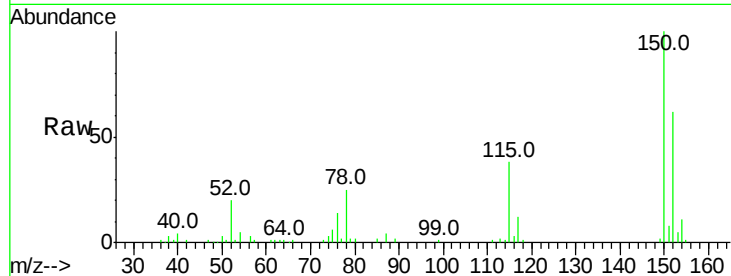


#1

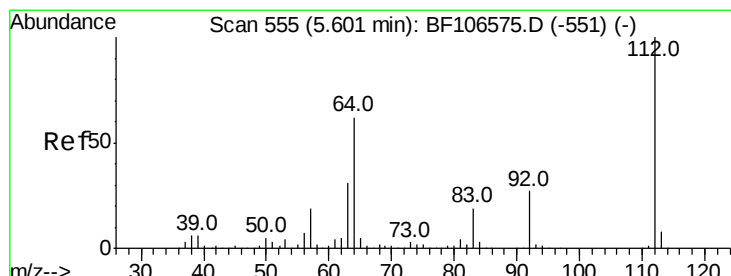
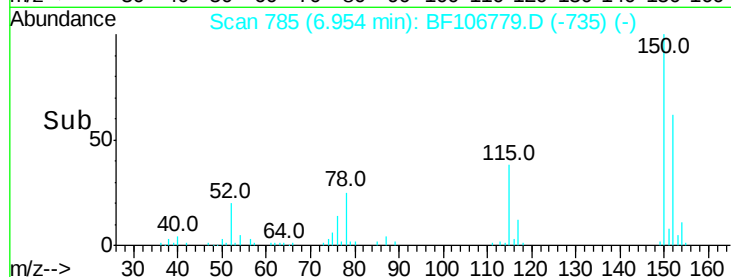
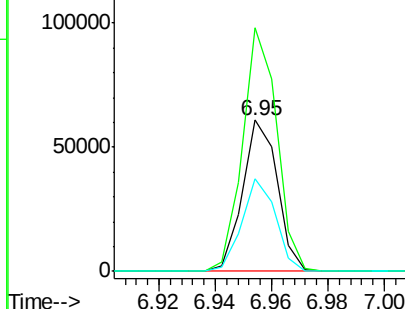
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 51903
Ion Ratio Lower Upper
152 100
150 161.3 124.6 186.8
115 61.0 50.1 75.1



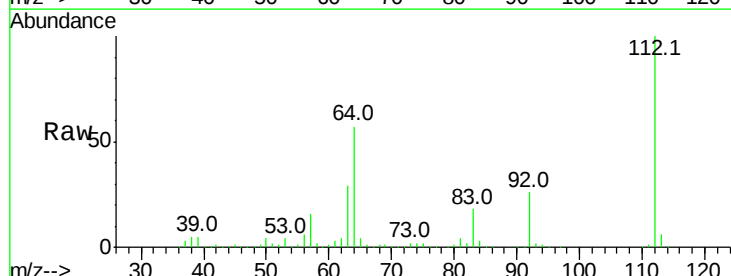
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



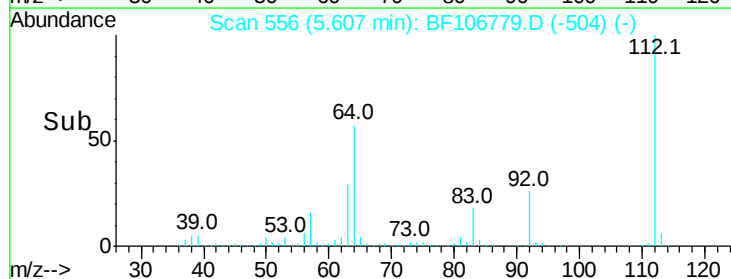
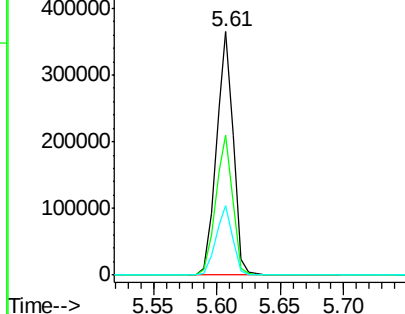
#5

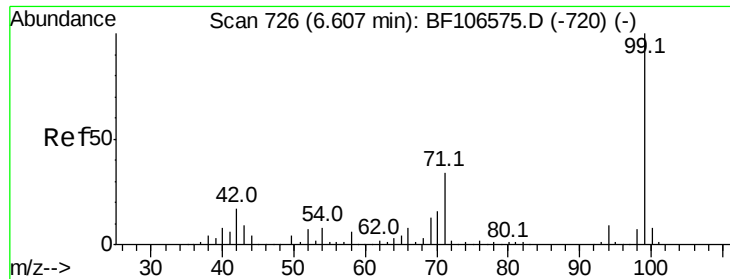
2-Fluorophenol
Concen: 110.993 ng
RT: 5.61 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:112 Resp: 340213
Ion Ratio Lower Upper
112 100
64 57.5 47.9 71.9
63 28.8 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 113.192 ng

RT: 6.60 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF106779.D

Acq: 25 Jun 2018 18:49

Instrument :

BNA_F

ClientSampled :

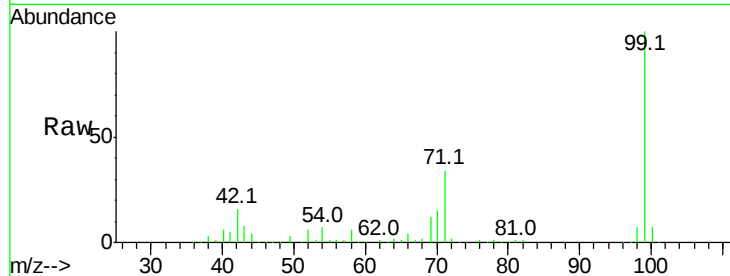
Tot Ion: 99 Resp: 433275

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

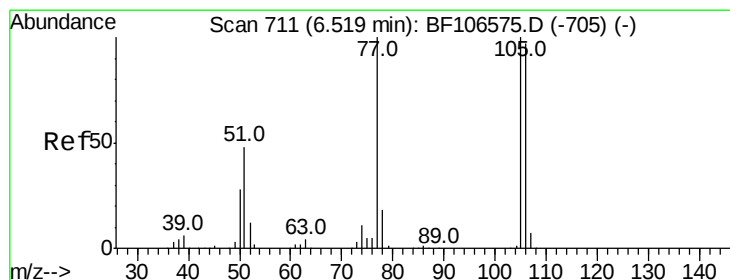
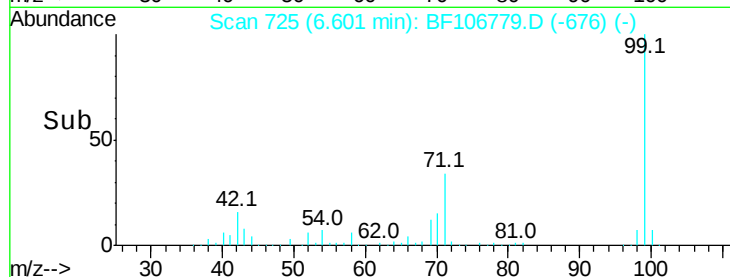
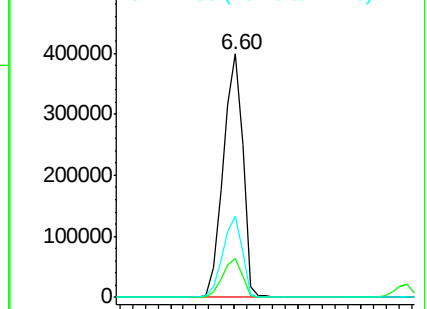
71 33.5 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#9

Benzaldehyde

Concen: 2.299 ng

RT: 6.74 min Scan# 748

Delta R.T. 0.22 min

Lab File: BF106779.D

Acq: 25 Jun 2018 18:49

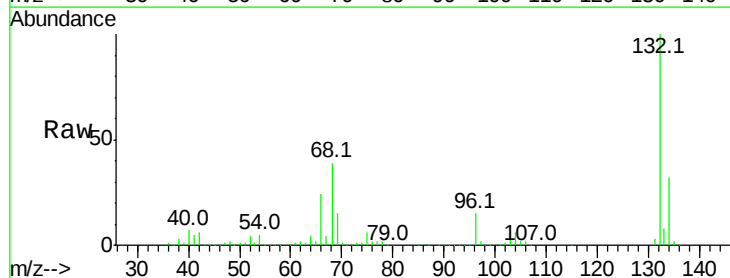
Tgt Ion: 77 Resp: 7403

Ion Ratio Lower Upper

77 100

105 91.2 81.1 121.1

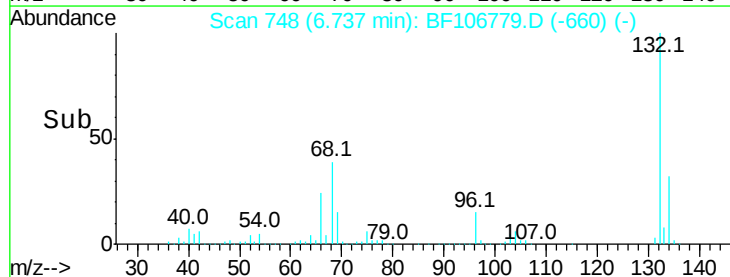
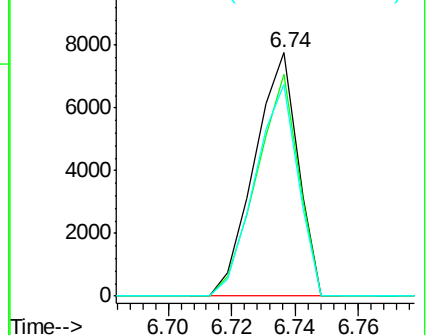
106 86.9 74.5 114.5

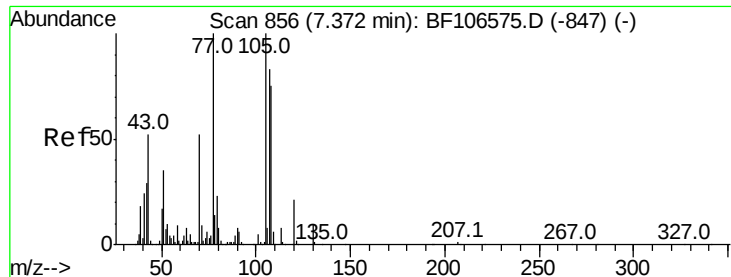


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1

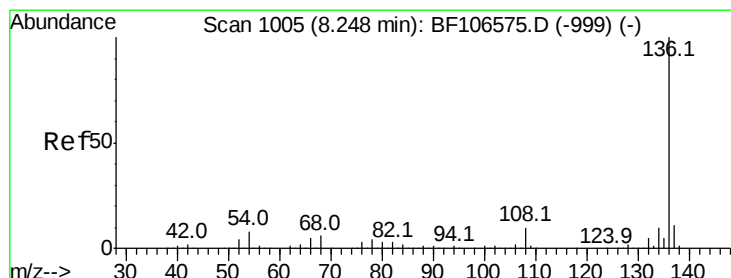
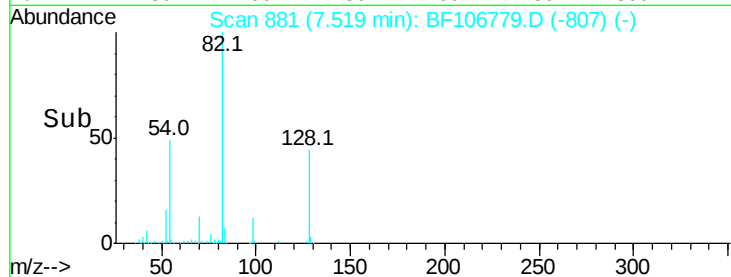
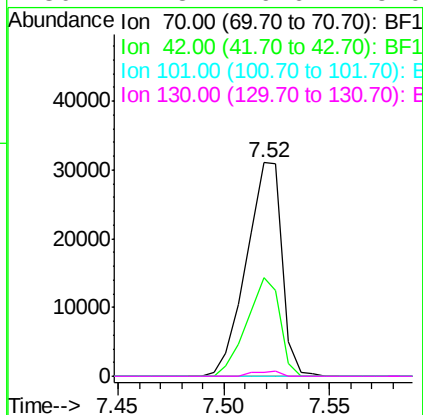
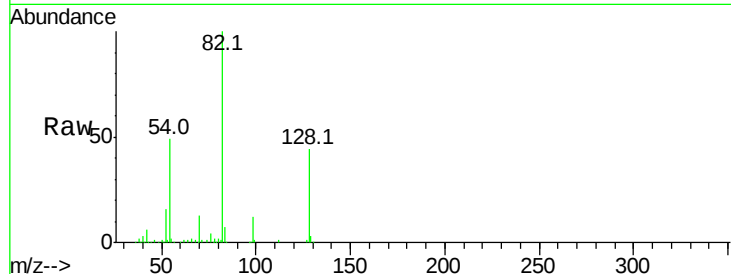




#19
n-Nitroso-di-n-propylamine
Concen: 14.397 ng
RT: 7.52 min Scan# 881
Delta R.T. 0.14 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

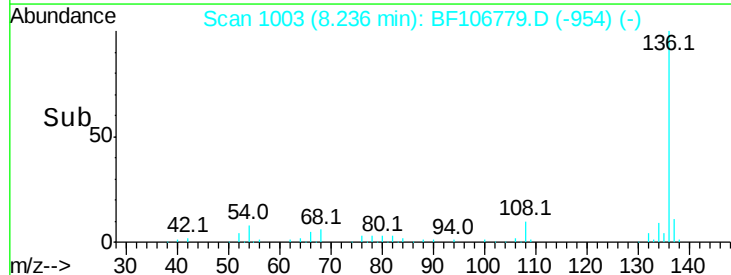
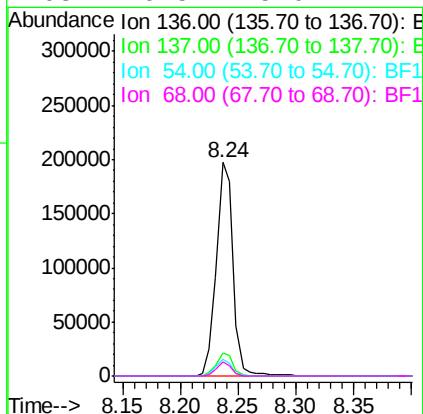
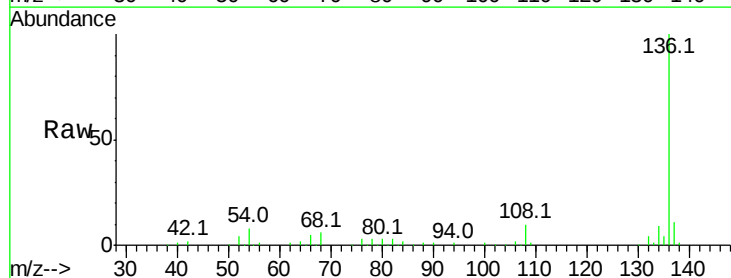
Instrument :
BNA_F
ClientSampled :

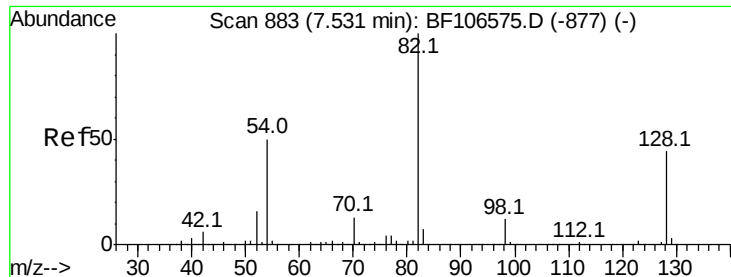
Tot Ion: 70 Resp: 36326
Ion Ratio Lower Upper
70 100
42 46.4 47.5 71.3#
101 0.0 7.4 11.2#
130 1.8 16.6 25.0#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion: 136 Resp: 199523
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 7.7 6.6 9.8
68 6.5 5.0 7.4

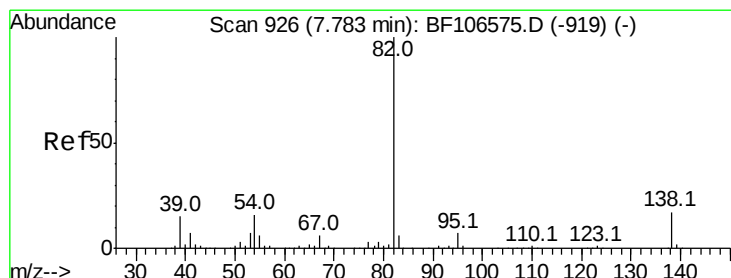
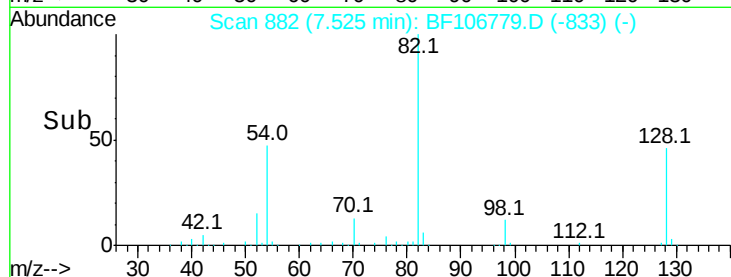
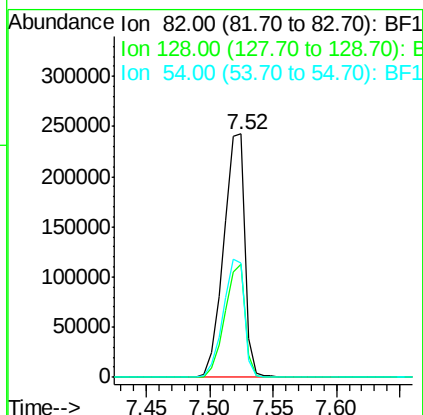
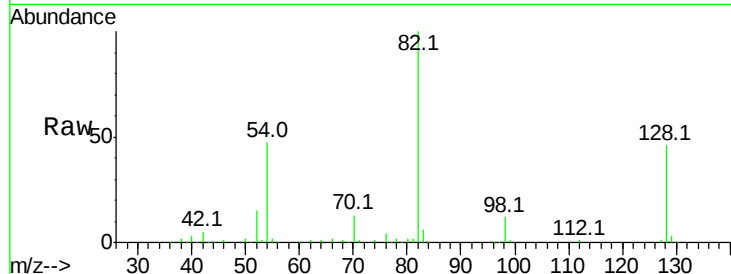




#23
Nitrobenzene-d5
Concen: 78.456 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

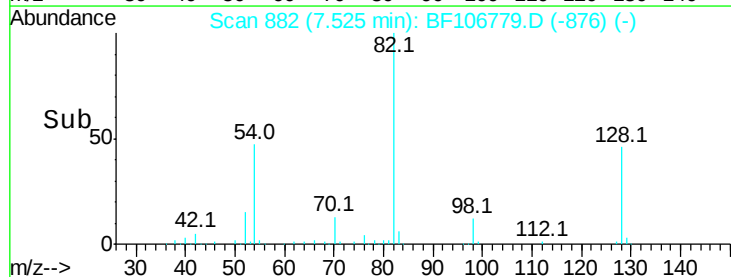
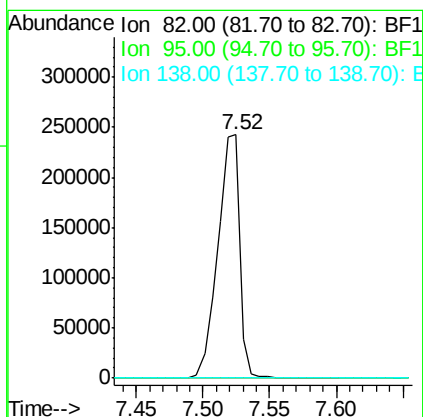
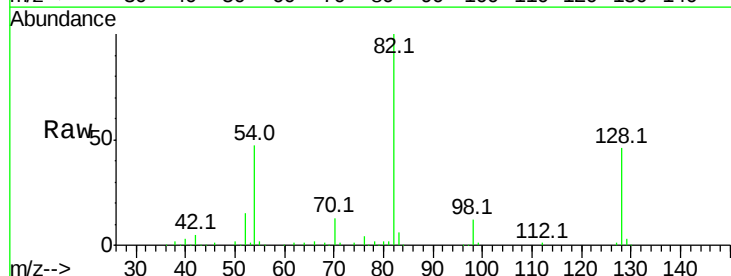
Instrument :
BNA_F
ClientSampleId :

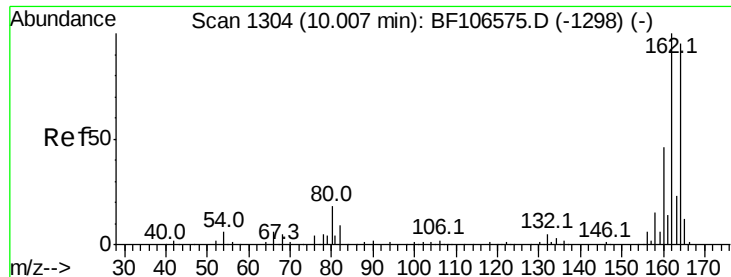
Tot Ion	82	Resp	281677
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.1	54.1
54	46.8	41.4	62.2



#25
Isophorone
Concen: 44.523 ng
RT: 7.52 min Scan# 882
Delta R.T. -0.26 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion	82	Resp	281675
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#

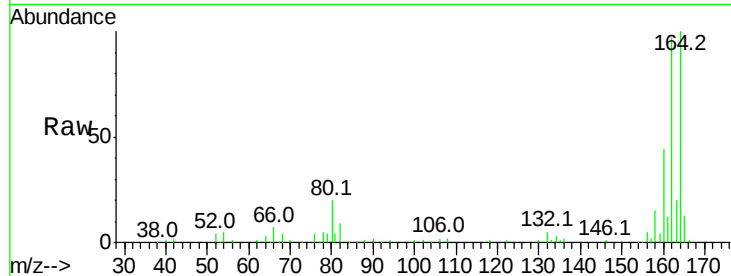




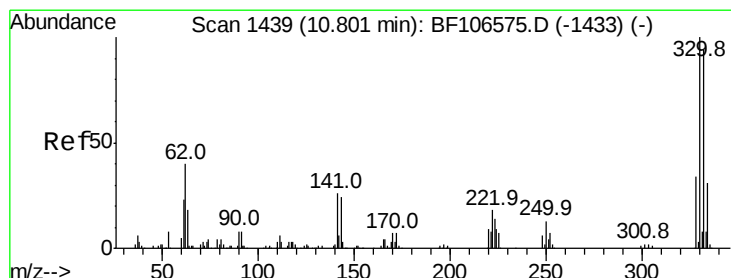
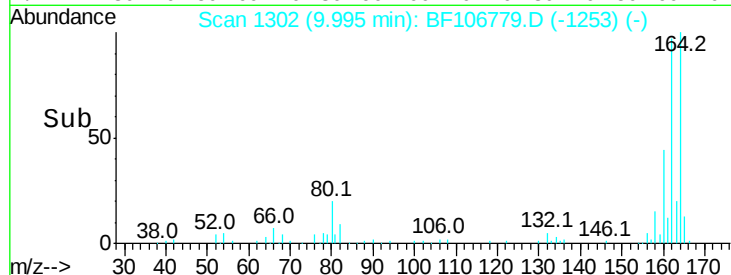
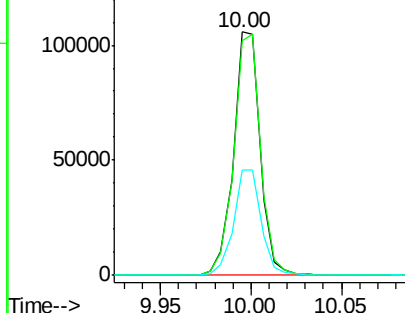
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 108067
Ion Ratio Lower Upper
164 100
162 96.6 86.1 129.1
160 43.5 38.3 57.5

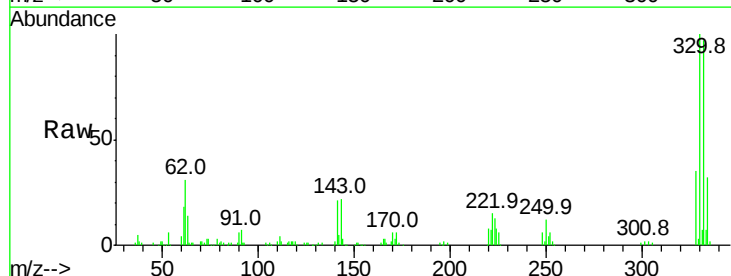


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

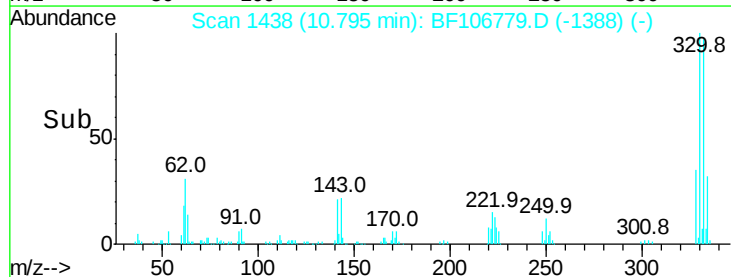
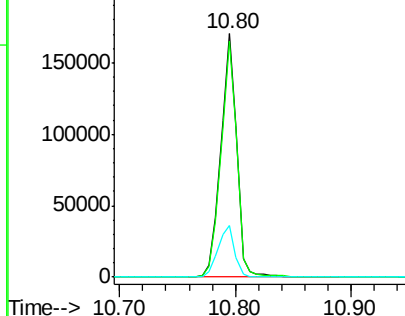


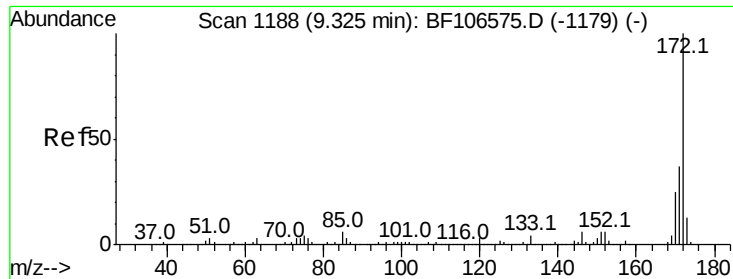
#41
2,4,6-Tribromophenol
Concen: 130.663 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:330 Resp: 163659
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 22.2 29.9 44.9#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

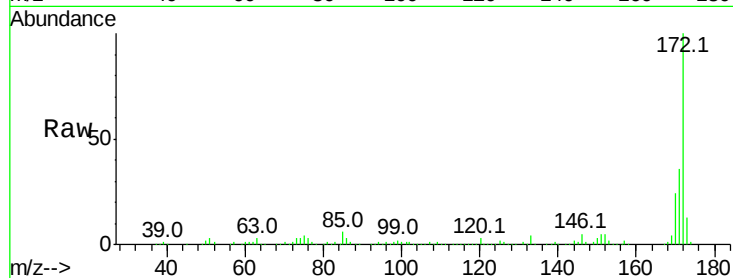




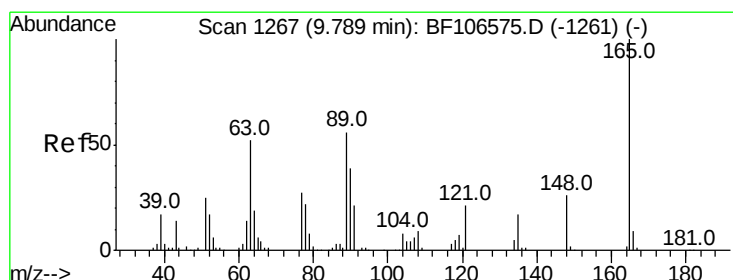
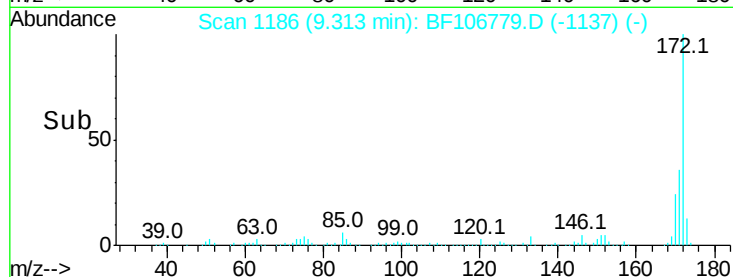
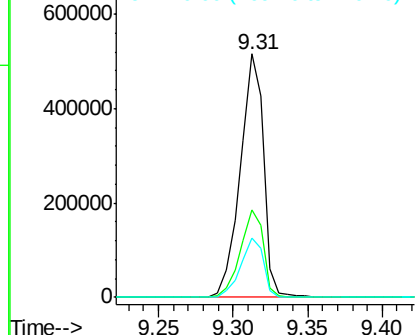
#44
 2-Fluorobiphenyl
 Concen: 88.625 ng
 RT: 9.31 min Scan# 1186
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 561818
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 24.1 19.6 29.4

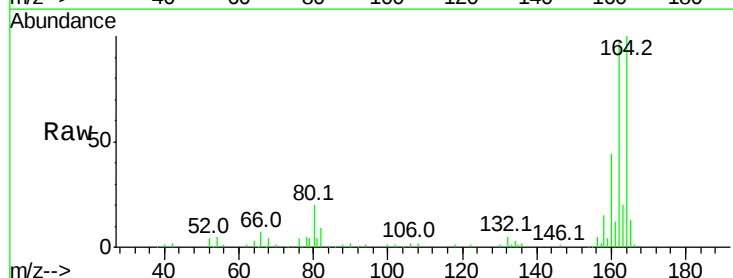


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

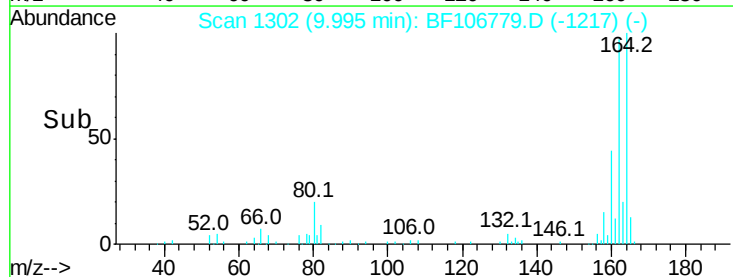
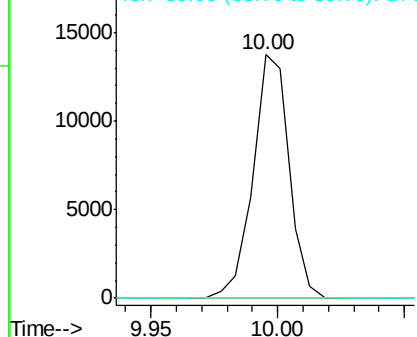


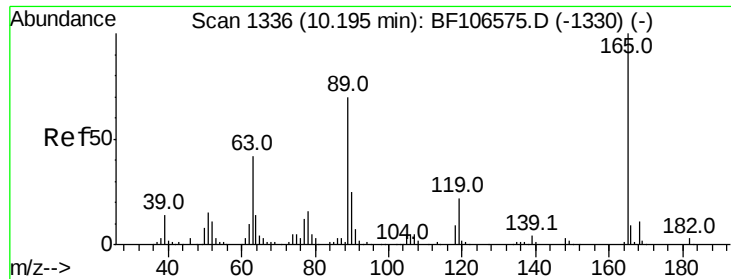
#50
 2,6-Dinitrotoluene
 Concen: 7.942 ng
 RT: 10.00 min Scan# 1302
 Delta R.T. 0.20 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Tgt Ion:165 Resp: 13631
 Ion Ratio Lower Upper
 165 100
 63 0.0 44.7 67.1#
 89 0.0 44.0 66.0#



Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

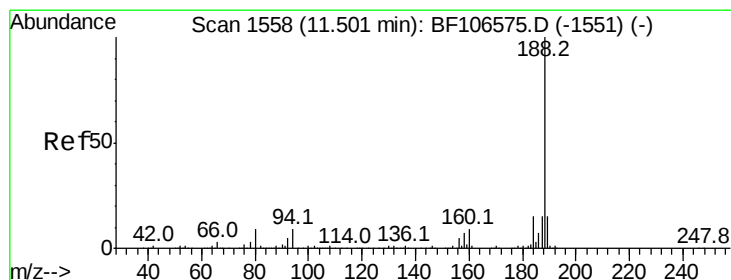
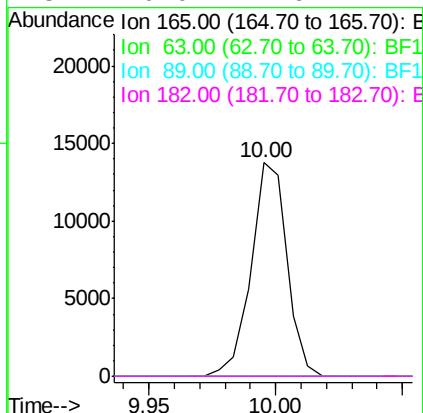
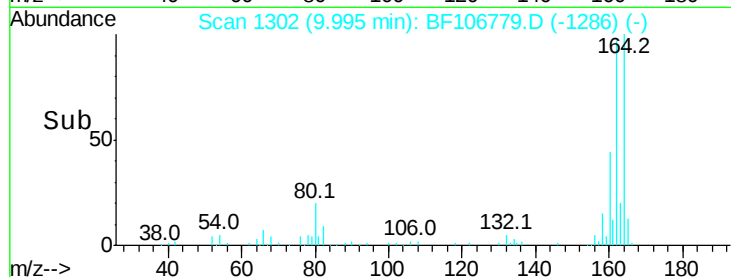
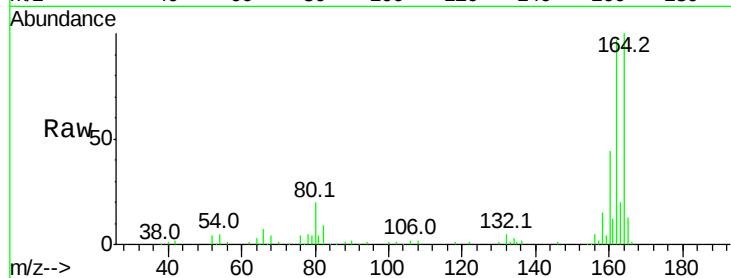




#56
2,4-Dinitrotoluene
Concen: 6.085 ng
RT: 10.00 min Scan# 1302
Delta R.T. -0.21 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

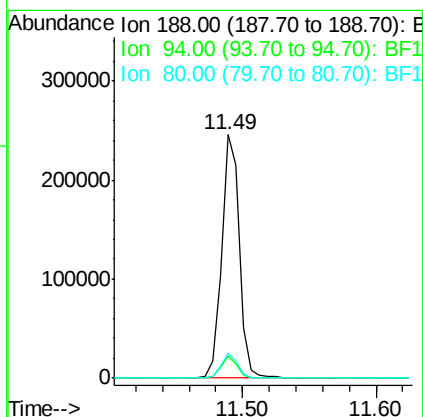
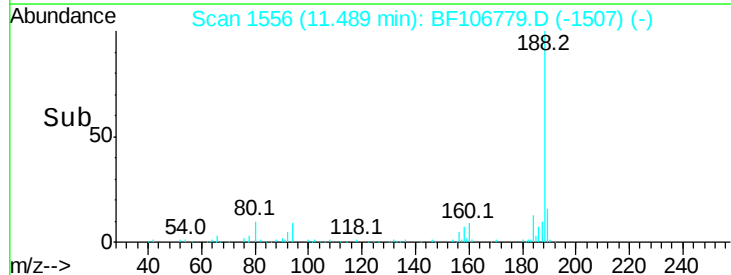
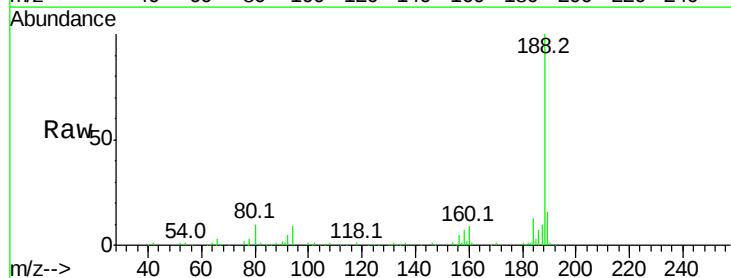
Instrument :
BNA_F
ClientSampleId :

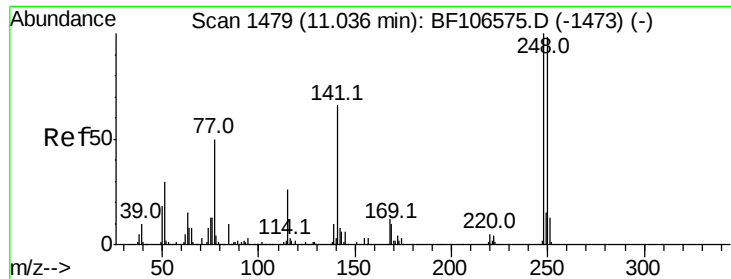
Tot Ion:165 Resp: 13631
Ion Ratio Lower Upper
165 100
63 0.0 36.4 54.6#
89 0.0 57.8 86.6#
182 0.0 1.6 2.4#



#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.49 min Scan# 1556
Delta R.T. -0.01 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:188 Resp: 230067
Ion Ratio Lower Upper
188 100
94 9.2 8.5 12.7
80 10.0 9.2 13.8

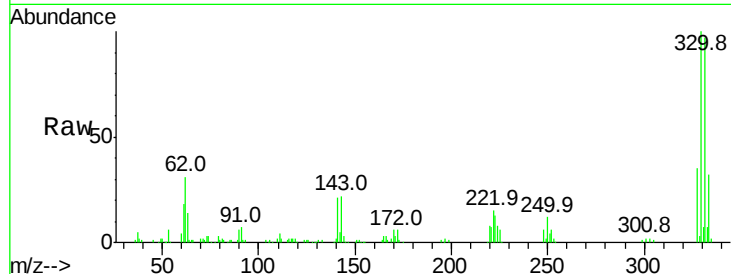




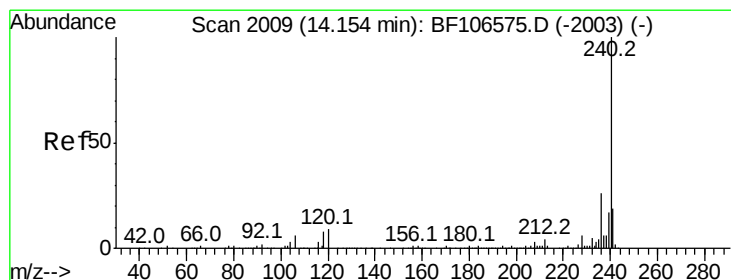
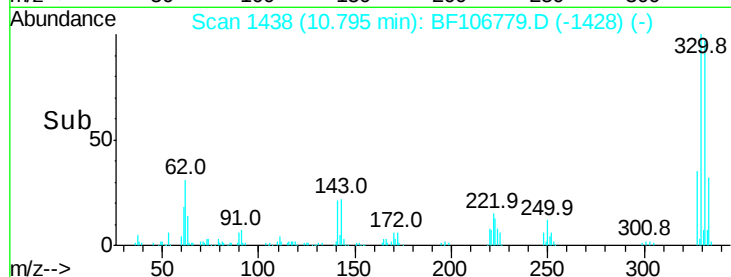
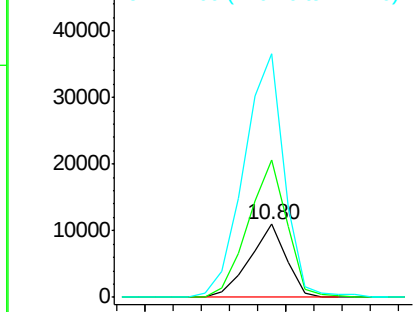
#66
4-Bromophenyl-phenylether
Concen: 3.613 ng
RT: 10.80 min Scan# 1438
Delta R.T. -0.24 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 9921
Ion Ratio Lower Upper
248 100
250 188.9 76.9 115.3#
141 334.3 74.4 111.6#

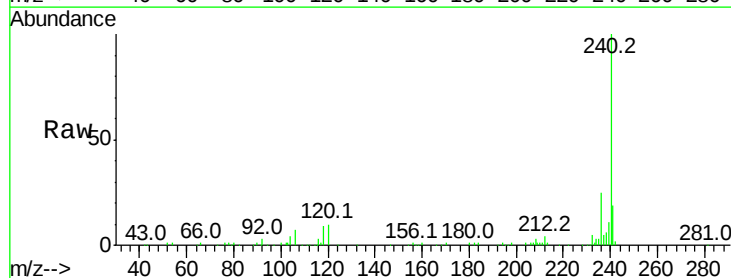


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

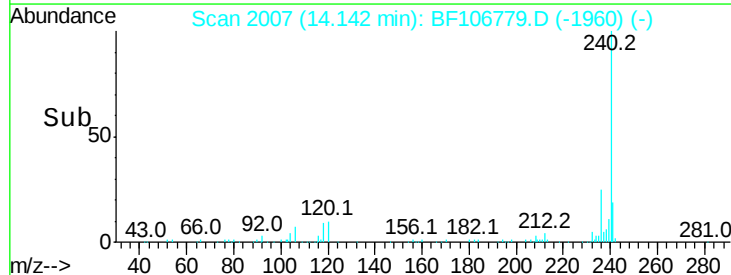
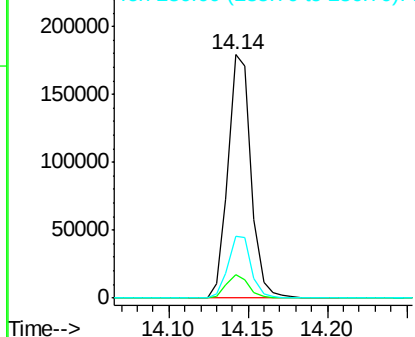


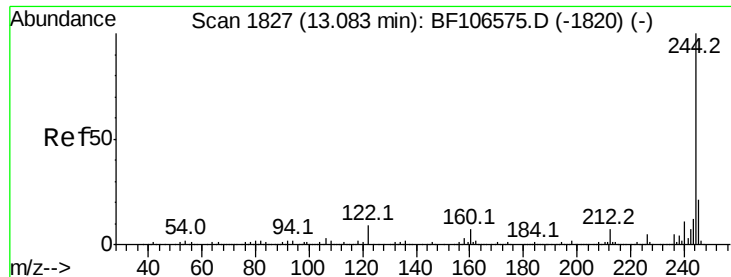
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2007
Delta R.T. -0.02 min
Lab File: BF106779.D
Acq: 25 Jun 2018 18:49

Tgt Ion:240 Resp: 180740
Ion Ratio Lower Upper
240 100
120 9.8 9.5 14.3
236 25.3 20.7 31.1



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E

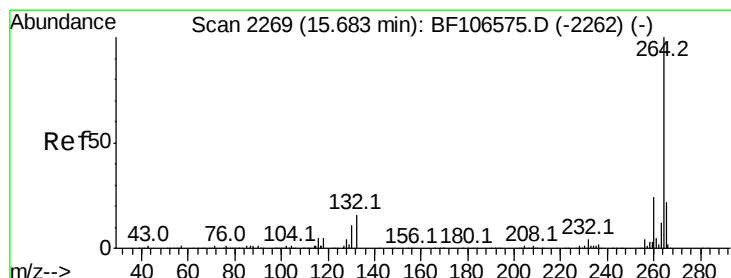
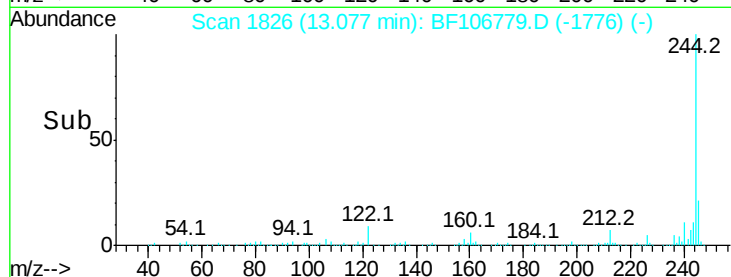
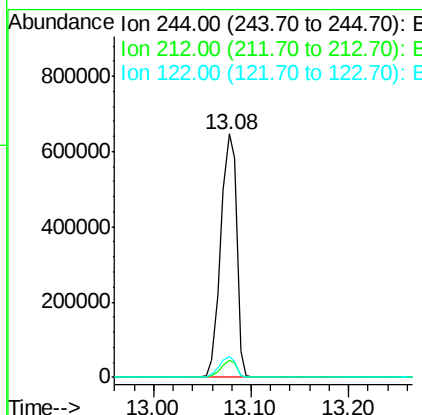
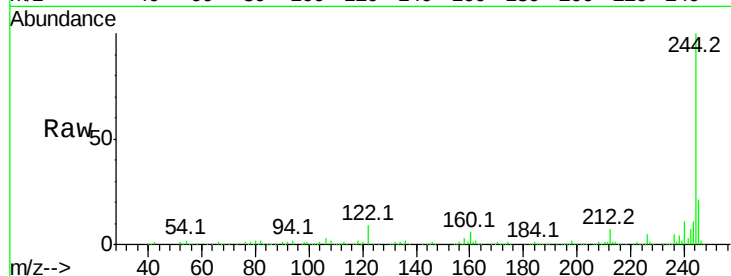




#78
 Terphenyl-d14
 Concen: 98.237 ng
 RT: 13.08 min Scan# 1826
 Delta R.T. -0.01 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 732995
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.0
 122 8.8 11.0 16.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.69 min Scan# 2270
 Delta R.T. -0.03 min
 Lab File: BF106779.D
 Acq: 25 Jun 2018 18:49

Tgt Ion:264 Resp: 140217
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.2 28.8
 265 21.7 17.5 26.3

